

Bureau of Land Management



2003 Montana/Dakotas A Report to the Public



Bureau of Land Management



Montana/Dakotas

*Caring for Our Natural Resources
and
Managing Lands for Public Needs*

Bureau of Land Management

MONTANA/DAKOTAS BLM ACREAGE

Surface Acres

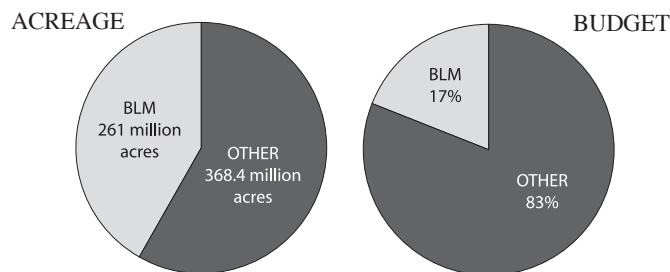
Montana	7,964,026
North Dakota	59,482
South Dakota	274,450
TOTAL	8,297,958

Subsurface Acres

Montana	37,805,935
North Dakota	5,614,146
South Dakota	3,778,853
TOTAL	47,198,934

for breakdown by county, and other links contained in this report, go to www.mt.blm.gov/ea/annrpt/index.html

Comparison of national acreage and operating budgets of the four major federal land management agencies (BLM, Forest Service, Fish & Wildlife Service and National Park Service).



WILDLIFE

Fish and Wildlife Habitat

- 600 species of fish and wildlife
- 3,500 acres of lakes and reservoirs
- 2,500 miles of streams
- 200,000 acres of waterfowl habitat having international importance

Threatened and Endangered Species

- 4 threatened and endangered mammals
- 4 threatened and endangered birds
- 4 threatened and endangered fish
- 4 threatened and endangered plants
- 1 threatened and endangered invertebrate

Wild Horses

- Pryor Mountain National Wild Horse Range covers 38,000 acres
- 161 Pryor horses on the range; 95 is the appropriate management level (currently under revision)
- 172 horses/burros adopted at satellite adoptions
- 165 compliance checks completed
- 157 animals titled

LANDSCAPE

Wilderness

- 36 Wilderness Study Areas totaling 447,327 acres:
 - 173,499 acres in 15 areas recommended for wilderness designation (about .02% of the total BLM managed land base in MT/Dakotas)
 - 273,828 acres in 30 study areas not recommended for wilderness designation
- 4 Section 202 Wilderness Study Areas, totaling 5,236 acres awaiting study. Tobacco Root Tack-On will be studied in the Dillon Resource Management Plan and Elk Horn will be studied in the Butte Resource Management Plan.
- One 6,000-acre designated wilderness area: the Bear Trap Canyon Unit of the Lee Metcalf Wilderness
- Montana Wilderness Status Map reprinted with Wilderness/WSA information on the previously blank back.

for a complete list of study areas, go to www.mt.blm.gov/ea/annrpt/wsa.pdf

Rangeland Management

- 4,091 cattle/buffalo operators; 1,079,678 AUMs authorized
- 143 horse/burro operators; 4,610 AUMs authorized
- 219 sheep/goat operators; 37,422 AUMs authorized

for detailed grazing statistics, go to www.mt.blm.gov/ea/annrpt/2003/grazing.pdf

Forestry

- 400,000 acres of commercial forest land
- 138,000 acres of non-commercial forest land
- 3,290 Mbf of timber sold for \$192,500

Forest Development

- 0 acres of seeding
- 554 acres planted
- 205 acres of site preparation
- 280 acres of protective measures applied
- 270 acres of pre-commercial thinning
- 53 acres of commercial thinning

Noxious Weed Management

FY2003:

- 106,623 acres of noxious weeds treated with integrated weed control methods including chemical, physical, mechanical, and biological weed control agents, and domestic animals (sheep or goats)
- 371,387 acres inventoried and mapped for noxious weeds
- 179,162 acres monitored for Integrated Weed Management evaluation
- Approximately 5 million biological control agents collected and distributed. Reduction from FY2002 due to drought/extremely high temperatures when biological control agents were supposed to be out and active.

To date:

- Biological weed control agents established on about 96,900 acres
- 41 Weed Management Areas
- Interagency agreements in place with Agricultural Research Service and Animal & Plant Health Inspection Service for biological control
- Cooperative agreements in place with 4 Montana State University researchers for biological control
- Cooperative agreements in place with more than 75 percent of County Weed Districts
- Provide funding for Montana Education and Awareness Committee and Center for Invasive Plant Management
- Work closely with Montana Department of Agriculture, Montana Weed Control Association, Bureau of Reclamation, Bureau of Indian Affairs and the US Forest Service

Cultural and Paleontological Resources

- 1.2 million acres inventoried to date
- 9,291 cultural properties recorded to date

Report to the Public

MINERALS

Solid Minerals

Montana

- 14 producing Federal and Indian coal leases on 40,077 acres
- 27,623,628 tons of coal produced, generating \$28,581,897 in royalties

North Dakota

- 6 producing Federal and Indian coal leases on 31730 acres
- 1,320,393 tons of coal produced, generating \$266,391 in royalties

for breakdown, go to www.blm.gov/ea/annrpt/2003/coal.pdf

Locatable Minerals

- 1,123 new claims recorded
- 1,462 claims closed
- 9,201 claim maintenance fees processed
- \$930,380 in fees received for mining claim recordation, annual maintenance fees and annual assessment fees.
- 2,287 claims covered by 493 small miner waivers
- 11,478 unpatented mining claims
- 126 claims relinquished
- 0 claims patented
- 207,937 active and closed unpatented mining claims on record

for detailed statistics, go to www.blm.gov/lr2000

Fluid Minerals

Federal Oil and Gas Leases Issued

	Competitive		Noncompetitive	
	Number	Acres	Number	Acres
Montana	88	55,710	124	112,943
North Dakota	7	1,311	3	1,320
South Dakota	0	0	0	0
TOTAL	95	57,021	127	114,263

Indian Oil and Gas Leases in Effect as of 9/30/03

	Producing		Non-producing	
	Number	Acres	Number	Acres
Montana	428	216,313	442	270,805
North Dakota	27	5,222	307	38,301
South Dakota	1	160	11	1,280
TOTAL	456	221,695	760	310,386

Federal Oil and Gas Leases in Effect as of 9/30/03

	Producing		Non-producing	
	Number	Acres	Number	Acres
Montana	1,370	723,180	2,512	3,413,273
North Dakota	569	302,422	881	395,663
South Dakota	76	34,577	151	196,541
TOTAL	2,015	1,060,179	3,544	4,005,477

Oil and Gas Lease Sales

- 6 competitive oil and gas lease sales held
- 344,561 acres in 413 parcels offered
- 62,964 acres in 90 parcels leased
- \$258,793 bonus bids received

for detailed lease sale statistics, go to www.mt.blm.gov/annrpt/2003/og.sales.pdf

Indian Oil and Gas Competitive Lease Sale Results

State	Parcels Sold	Acreage Sold	Bonus Bid Received
Montana	84	12,958.70	\$422,377.72
North Dakota	0	0	0
South Dakota	0	0	0
TOTAL	84	12,958.70	\$422,377.72

The following production and royalty information was provided by the Minerals Management Service (MMS).

Oil Production (barrels of oil)

	Montana	North Dakota	South Dakota
Federal Leases	3,434,518	5,038,396	172,609
Indian Leases	540,313	56,422	152
TOTAL	3,974,831	5,094,818	172,761

Oil Royalties

	Montana	North Dakota	South Dakota
Federal Leases	\$10,195,884	\$17,776,148	\$567,068
Indian Leases	\$2,186,040	\$238,291	\$727
TOTAL	\$12,381,924	\$18,014,439	\$567,795

Gas Production (thousand cubic feet)

	Montana	North Dakota	South Dakota
Federal Leases	21,371,718	7,282,857	262,814
Indian Leases	1,692,472	295,445	0
TOTAL	23,064,190	7,578,302	262,814

Gas Royalties

	Montana	North Dakota	South Dakota
Federal Leases	\$8,647,005	\$2,996,728	\$81,748
Indian Leases	\$1,117,143	\$185,857	\$0
TOTAL	\$9,764,148	\$3,182,515	\$81,748

SUPPORT FUNCTIONS

Construction/Maintenance/Engineering

- 22 administrative sites constructed/maintained
- 20 bridges and major culverts inspected/maintained
- 9 easement surveys completed
- 114 facilities surveyed and designed
- 75 hazard class reservoir inspections
- 1,113 miles of trails and miles of roads maintained
- 172 range improvement projects completed
- 199 recreation sites constructed/maintained
- 15 deferred maintenance projects completed
- 8 Recreation fee site deferred maintenance projects
- 6 Architectural & Engineering task orders

2003

Geographic Information Systems/Mapping Science

- Maintained statewide digital libraries including ownership. Transitioned data from these libraries to SDE (Spatial Data Engine). Developed and verified data standards and their documentation. Developed EZ mapper and Oil and Gas Mapping applications.
- 27 1:100,000 maps and 4 river float guides edited and revised for automation
- Provided mapping support for sage grouse habitat, prairie dogs, fire management recreational sites, wild horse range, land and water conservation fund, Block Management, Lewis and Clark Initiative and national monument designations. Provided visuals and analysis for public meeting and briefings. Provided GIS analysis and mapping support for Winslow Fire and Grizzly Gulch Timber Damage Assessment. Provided GIS analysis and mapping support for BAER team assessment of the Winslow Fire. Worked in cooperation with USGS to collect and use BARC (Burned Area Reflectance Class) satellite imagery data.
- Provided GIS analytic, mapping and presentation support for timber sales; range improvements; fuels reduction projects; abandoned mine program; oil and gas stipulations; Off-Highway Vehicle EIS; allotment management; state fire plan; Arrow Creek/Whiskey Ridge/Upper River, Horse Prairie, Highlands, Ruby, Centennial and Big Sheep watershed plans; Judith-Moccasin Landscape Analysis; coal bed methane; Dillon RMP; Blackleaf EIS analysis; Badger-Two Medicine EIS Supplement; and Upper Missouri River Breaks RMP.
- Maintained and provided programming and data entry support for the Statewide Interagency Weeds database and application including ArcIMS.
- Provided training on GPS and GIS software and analysis
- Developed and maintained oil and gas automated field maps
- Maintained GIS websites

Cadastral Survey

- 251 miles resurveyed
- 72 miles approved
- 653 survey monuments set
- 149 survey monuments approved
- 105 plats approved

Geographic Coordinated Data Base

- 117 townships collected
- 91 townships maintained

Volunteer Program

- 423 volunteers contributed 29,221 hours valued at \$483,315; cost to MT/DKs BLM was \$85,616

for breakdown by field office, go to www.mt.blm.gov/ea/annrpt/2003/volunteers.pdf

Fire Management

- BLM took action on 214 fires; of these, 208 were on BLM lands (158,082 acres) and 6 were on non-BLM lands (44,336 acres)
- 194 fires were lightning-caused (196,047 acres); 20 were human-caused (7,371 acres)
- 10 prescribed fires accomplished on 6,972 acres

Law Enforcement

- Continued investigations into damage of archaeological sites and removal of paleontological resources
- Continued investigations for financial cost recovery involving fire suppression and damage caused by a human-caused wildfire
- Continued investigations into fraud related to the Oil & Gas and Hard Rock Mining programs
- Investigated resource damage caused by poisoning rodents

- Provided planning support for the Lewis and Clark Bicentennial, including a partnership with the Montana Sheriffs and Peace Officers Association.
- Contributed to public safety plans at the Monuments
- Issued numerous notices for resource violations
- Assisted in search and rescue operations and local law enforcement as requested
- Provided security on wild fires in Montana
- Provided special operation support to various other states
- Conducted a special operation at the Black Hills Motorcycle Rally in Sturgis, SD
- Provided Homeland Domestic Security support in Washington, D.C.

PLANNING & ACTIONS

Land Use Planning and Environmental Coordination

- 9 Resource Management Plans cover Montana, North Dakota and South Dakota
- 1 Management Framework Plan covers Dillon Field Office area

for a detailed list, go to www.mt.blm.gov/lands/nepastatus.htm

Areas of Critical Environmental Concern

- 43 Areas of Critical Environmental Concern

for a complete list with locations and acreage, go to www.mt.blm.gov/lands/acec.html

Lands Casework

- 72 rights-of-way and amendments issued; 22 renewed
- 1,040.00 acres of public land exchanged for 3,875.79 acres of private land
- 2,200.84 acres of public land conveyed through the Crow Boundary Settlement Act Legislated Exchange
- 400 acres in 1 Recreation & Public Purposes Act patent
- 3 permits/leases issued; 2 renewed
- 223 patents issued for Bureau of Indian Affairs
- 1 reclamation homestead patent issued for 160.62 acres
- 6 Forest Service Exchange conveyance documents (patents/deeds) issued
- 5 easement acquisitions for public access
- 1 withdrawal processed for 462.16 acres
- 19 patents issued for the Bureau of Reclamation through Special Legislation
- 1 sale of 0.83 acre to resolve a trespass issue

for more detailed statistics, go to www.mt.blm.gov/ea/annrpt/index.html

Land Appraisals

- 49 appraisals completed

for breakdown by field office, go to www.mt.blm.gov/ea/annrpt/2003/appraisals.pdf

ENVIRONMENTAL CONCERNS

Hazardous Materials Management

- Completed follow-up CASHE audits (internal environmental audit program) at the offices as scheduled by the CASHE audit team. (Every office gets a follow-up on a three-year cycle.)
- Completed work plan to remediate hydrocarbon contaminated soils at the Mosby Jet Fuel Refinery in Garfield County, MT. Work will be done in 2004.
- Completed cultural and bat surveys for physical safety hazard abatement (including adit and shaft closures) associated with abandoned mine lands. Closed several hazardous openings with backfill or bat gates as appropriate. About 45 more openings will be closed in 2004.

Montana/Dakotas

- Completed and presented to ARCO a claim for damages to BLM lands in the Clark Fork River Superfund site. The claim was made following the Natural Resource Damage Assessment provisions of the Superfund Act. Negotiations with ARCO to settle the claim will continue in 2004.
- Disposed of hazardous unused and waste products from the field offices and State Office, including clandestine drug lab wastes on the public lands.
- Provided necessary hazmat training for staff statewide

RECREATION & VISITOR SERVICES

In 2003, the Montana/Dakotas BLM hosted almost 3 million visits to public lands and collected more than \$220,000 in recreation permit fees. These funds stay on-site to improve facilities and visitor services. The top 5 activities were:

- Interpretation, Education and Nature Study
- Camping and Picnicking
- Hunting
- Fishing
- Boating (motorized and non-motorized)

for breakdown of visitor activities, go to www.mt.blm.gov/ea/annrpt/2003/visdays.pdf

Public lands provide a diversity of “settings” for the public to enjoy:

- 8.3 million acres of public lands of varied landscapes and opportunities
- 2,500 miles of streams
- 60,000 acres of lakes and reservoirs
- 40 Wilderness Study Areas
- 32 boating access sites
- 19 Watchable Wildlife sites
- 5 Outstanding Natural Areas
- 5 Backcountry Byways (185 miles)
- 100+ miles of groomed snowmobile/cross country ski trails
- 400+ family camping units
- 15 day-use sites and 24 developed recreation sites
- 400+ undeveloped recreation sites

National Monuments

- Upper Missouri River Breaks National Monument (374,976 acres)
- Pompeys Pillar National Monument (51 acres)

National Trails

- 310 miles of the Lewis and Clark National Historic Trail
- 13 miles of the Nez Perce National Historic Trail
- 10 miles of the Continental Divide National Scenic Trail
- 30 miles of the Garnet Winter Trail
- 9 miles of the Bear Trap Canyon Recreation Trail
- 12 miles of the Centennial Trail (South Dakota)

National Historic Landmarks

- Garnet Ghost Town
- Pompeys Pillar

Of special interest, our public lands offer:

- 149 miles of the Upper Missouri National Wild and Scenic River
- 6,000 acres of the Bear Trap Canyon Wilderness
- Pryor Mountain Wild Horse Range (about 38,000 acres)
- Interpretive/Educational signs, brochures and facilities

ECONOMIC IMPACTS

Personnel

- 645 total employees: 511 permanent full-time; 52 temporary; 69 career seasonal; and 13 SCEP (student career educational program)

for breakdown by field office, go to www.mt.blm.gov/ea/annrpt/2003/employment.pdf

Salaries by Community

Billings, MT	11,373,160	Wolf Creek, MT	94,703
Butte, MT	2,607,862	Zortman, MT	83,128
Dillon, MT	1,764,727	Fort Totten, ND	58,345
Glasgow, MT	604,256	Fort Benton, MT	129,789
Great Falls, MT	658,283	Camp Crook, SD	85,141
Havre, MT	584,510	Custer, SD	85,078
Lewistown, MT	3,820,366	Fort Meade, SD	118,009
Malta, MT	700,180	Ennis, MT	81,063
Miles City, MT	4,317,984	Lovell, WY	54,798
Missoula, MT	1,709,315	Ashland, MT	250,116
Dickinson, ND	1,238,380	Ekalaka, MT	22,968
Belle Fourche, SD	653,562	Pompeys Pillar, MT	46,156
Bridger, MT	28,644		
Helena, MT	65,015	Total Payroll	31,419,650
Jordan, MT	66,844		
Poplar, MT	117,268	Total Budget	70,633,470

for budget breakdown, go to www.mt.blm.gov/ea/annrpt/2003/budget.pdf

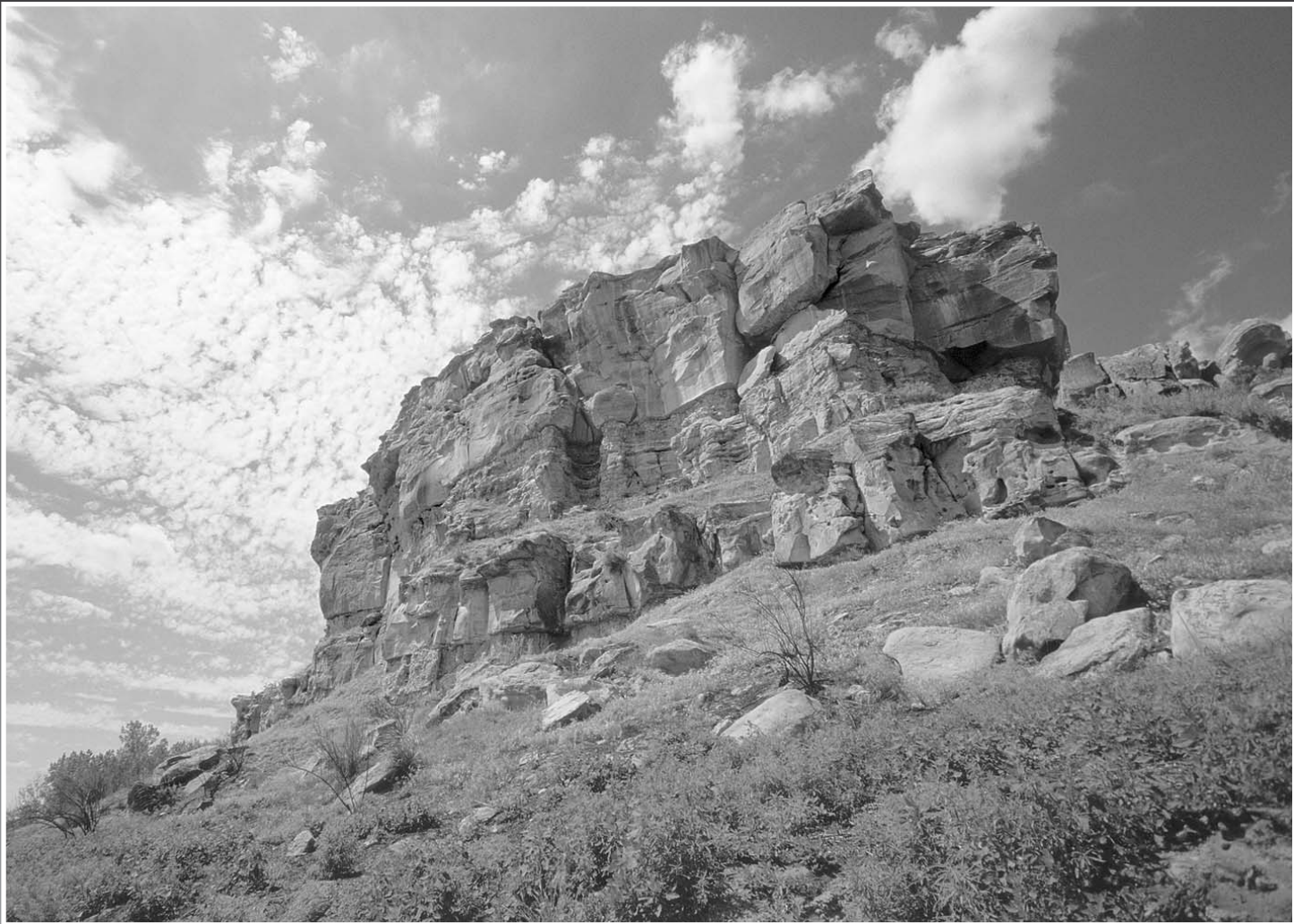
Federal Transfer Payments (including PILT payments)

- \$40,374,858 paid to state of Montana
- \$5,400,591 paid to state of North Dakota
- \$2,976,661 paid to state of South Dakota

for breakdown of payments by state, go to www.mt.blm.gov/ea/annrpt/2003/fedpay.pdf

Montana PILT 2003

Local Unit of Government	Total Paid This FY	Local Unit of Government	Total Paid This FY
Anaconda-Deer Lodge	\$261,459	Madison	487,840
Beaverhead	513,222	McCone	163,478
Big Horn	55,158	Meagher	111,745
Blaine	356,195	Mineral	116,858
Broadwater	373,475	Missoula	628,542
Butte-Silver Bow	289,047	Musselshell	99,470
Carbon	613,244	Park	792,382
Carter	110,473	Petroleum	45,482
Cascade	271,612	Phillips	261,231
Chouteau	205,380	Pondera	134,477
Custer	445,354	Powder River	141,855
Daniels	267	Powell	340,988
Dawson	86,319	Prairie	82,275
Fallon	109,765	Ravalli	1,371,653
Fergus	637,201	Richland	70,679
Flathead	1,094,835	Roosevelt	5,528
Gallatin	904,550	Rosebud	433,077
Garfield	111,887	Sanders	166,332
Glacier	542,789	Sheridan	2,412
Golden Valley	40,070	Stillwater	247,114
Granite	127,993	Sweet Grass	306,812
Hill	64,506	Teton	356,992
Jefferson	547,266	Toole	61,066
Judith Basin	168,792	Treasure	979
Lake	154,525	Valley	524,356
Lewis and Clark	1,251,357	Wheatland	82,134
Liberty	45,169	Wibaux	35,481
Lincoln	317,881	Yellowstone	103,419
		TOTAL	\$16,874,448



NORTH DAKOTA PILT 2003

<i>Local Unit of Government</i>	<i>Total Paid This FY</i>	<i>Local Unit of Government</i>	<i>Total Paid This FY</i>
Barnes	8,413	McLean	207,856
Benson	4,640	Mercer	36,079
Billings	56,953	Morton	18,333
Bottineau	174	Mountrail	81,835
Bowman	7,195	Pierce	4,655
Burke	219	Ramsey	506
Burleigh	20,010	Ransom	50,796
Cavalier	260	Renville	324
Dickey	864	Richland	33,502
Divide	1,817	Rolette	144
Dunn	58,807	Sargent	2,309
Eddy	628	Sheridan	39,600
Emmons	42,861	Sioux	41,531
Golden Valley	15,548	Slope	24,345
Grand Forks	1,385	Stark	810
Grant	12,114	Steele	185
Griggs	2,270	Stutsman	12,326
Kidder	3,156	Walsh	631
Logan	1,136	Ward	434
McHenry	3,064	Wells	11,355
McIntosh	622	Williams	64,003
McKenzie	92,976	TOTAL	\$966,671

SOUTH DAKOTA PILT 2003

<i>Local Unit of Government</i>	<i>Total Paid This FY</i>	<i>Local Unit of Government</i>	<i>Total Paid This FY</i>
Beadle	399	Jackson	144,782
Bon Homme	21,848	Jones	26,605
Brown	109	Lawrence	50,652
Brule	16,770	Lyman	142,931
Buffalo	16,930	McPherson	218
Butte	218,114	Meade	53,539
Campbell	30,167	Pennington	406,566
Charles Mix	38,843	Perkins	148,980
Clark	131	Potter	22,393
Corson	89,747	Roberts	744
Custer	127,082	Shannon	2,691
Day	284	Spink	1,004
Dewey	150,059	Stanley	149,731
Fall River	326,174	Sully	65,967
Gregory	37,506	Tripp	218
Haakon	6,350	Walworth	27,984
Hand	109	Yankton	4,947
Harding	111,920	Ziebach	3,888
Hughes	52,393	TOTAL	\$2,501,140
Hyde	2,365		



AN ANNUAL REPORT



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